

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Katsunari Tezuka et al. Art Unit : 1623
Serial No. : 10/729,880 Examiner :
Filed : December 5, 2003
Title : A PHARMACEUTICAL COMPOSITION FOR TREATING IMMUNE
DISEASES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449.

Applicants also wish to bring to the Examiner's attention the following co-pending applications, each of which is assigned to the assignee of the present application:

U.S. Application No. 10/723,602, filed November 25, 2003;
U.S. Application No. 10/721,404, filed November 25, 2003;
U.S. Application No. 10/794,344, filed March 5, 2004;
U.S. Application No. 10/798,195, filed March 11, 2004;
U.S. Application No. 10/800,250, filed March 10, 2004;
U.S. Application No. 10/472,743, filed March 4, 2004; and
U.S. Application No. 10/793,171, filed March 4, 2004.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

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Attorney's Docket 14539-005002 / JF-82US-C1

This statement is being filed before the receipt of a first Office Action on the merits.
Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney
Docket No. 14539-005002.

Respectfully submitted,

Date: May 21, 2004

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14539-005002	Application No. 10/729,880
	Applicant Katsunari Tezuka et al.		
	Filing Date December 5, 2003	Group Art Unit 1623	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,484,892	01/16/1996	Tedder et al.			
	AB	5,747,461	05/05/1998	Markov			
	AC	5,914,112	06/22/1999	Bednar et al.			
	AD	6,531,505	03/11/2003	Xu et al.			
	AE	20020177191	11/28/2002	Kroczek			
	AF	20020182667	12/05/2002	Kroczek			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG	WO 95/33770	12/14/1995	WIPO				
	AH	WO 97/26912	07/31/1997	WIPO				
	AI	WO 98/19706	05/14/1998	WIPO				
	AJ	WO 98/37415	08/27/1998	WIPO				
	AK	WO 98/45331	10/15/1998	WIPO				
	AL	JP 5-72204	03/23/1993	Japan			Abstract	
	AM	JP 11-228442	08/24/1999	Japan			Abstract	
	AN	JP 2000-154151	06/06/2000	Japan			Abstract	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AO	Abbas, "T-cell stimulation: an abundance of B7s," NAT MED. 5(12):1345-6 (1999)
	AP	Bensimon et al., "Human lupus anti-DNA autoantibodies undergo essentially primary V kappa gene rearrangements," EMBO J. 13(13):2951-62 (1994)
	AQ	Campbell et al., "Separable effector T cell populations specialized for B cell help or tissue inflammation," NAT IMMUNOL. 2(9):876-81 (2001)
	AR	Chapoval et al., "B7-H3: a costimulatory molecule for T cell activation and IFN-gamma production," NAT IMMUNOL. 2(3):269-74 (2001)
	AS	Dong et al., "B7-H1, a third member of the B7 family, co-stimulates T-cell proliferation and interleukin-10 secretion," NAT. MED. 5(12):1365-9 (1999)
	AT	Eljaschewitsch et al., "Identification of a novel activation antigen on human CD4+ T cells," IMMUNOBIOLOGY, 194(1-3):27 (1995)
	AU	Goding, "Monoclonal Antibodies: Principles and Practice," 2 nd Edition, Academic Press, Orlando, Florida, Chapter 8, pages 281-293 (1986)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	AV	Goni et al., "Structural and idiotypic characterization of the L chains of human IgM autoantibodies with different specificities," J. Immunol. 142(9):3158-63 (1989)
	AW	Gonzalo et al., "ICOS is critical for T helper cell-mediated lung mucosal inflammatory responses," NAT IMMUNOL. 2(7):597-604 (2001)
	AX	Harlow and Lane, "Antibodies: A Laboratory Manual," Cold Spring Harbor Laboratory, page 285 (1988)
	AY	Hutloff et al., "Identification and initial characterization of a novel T cell-specific cell surface activation antigen," IMMUNOBIOLOGY, 197(2-4):172 (1997)
	AZ	Ihara et al., "Association studies of CTLA-4, CD28, and ICOS gene polymorphisms with type 1 diabetes in the Japanese population," IMMUNOGENETICS 53(6):447-54 (2001)
	AAA	Iiyama et al., "The role of inducible co-stimulator (ICOS)/B7-related protein-1 (B7RP-1) interaction in the functional development of Peyer's patches," IMMUNOLOGY LETTERS, In Press, Uncorrected Proof available online April 11, 2003, http://www.sciencedirect.com/science/journal/01652478
	ABB	Lamhemedi-Cherradi et al., "Further mapping of the Idd5.1 locus for autoimmune diabetes in NOD mice," DIABETES 50(12):2874-8 (2001)
	ACC	Ling et al., "Assembly and annotation of human chromosome 2q33 sequence containing the CD28, CTLA4, and ICOS gene cluster: analysis by computational, comparative, and microarray approaches," GENOMICS 78(3):155-68 (2001)
	ADD	Ling et al., "Differential expression of inducible costimulator-ligand splice variants: lymphoid regulation of mouse GL50-B and human GL50 molecules," J IMMUNOL. 166(12):7300-8 (2001)
	AEE	Linsley, "T cell activation: you can't get good help," Nat Immunol. 2(2):139-40 (2001)
	AFF	Liu et al. "B7H costimulates clonal expansion of, and cognate destruction of tumor cells by, CD8(+) T lymphocytes in vivo," J EXP MED. 194(9):1339-48 (2001)
	AGG	Lucia et al., "Expression of the novel T cell activation molecule hpH4 in HIV-infected patients: Correlation with disease status", AIDS RESEARCH AND HUMAN RETROVIRUSES 16(6):549-557 (2000)
	AHH	Mackay et al., "Follicular homing T helper (Th) cells and the Th1/Th2 paradigm," J EXP MED. 192(11):F31-4 (2000)
	AII	Nurieva et al., "Inducible costimulator is essential for collagen-induced arthritis," J. CLIN. INVEST. 111(5):701-06 (2003)
	AJJ	Ogawa et al., "Opposing effects of anti-activation-inducible lymphocyte-immunomodulatory molecule/inducible costimulator antibody on the development of acute versus chronic graft-versus-host disease," J IMMUNOL. 167(10):5741-8 (2001)
	AKK	O'Neill, "Co-stimulating allergy," TRENDS IMMUNOL. 22(4):183 (2001)
	ALL	Pech et al., "A large section of the gene locus encoding human immunoglobulin variable regions of the kappa type is duplicated," J. Mol Biol. 183(3):291-9 (1985)
	AMM	Pound, "A new T-helper cell subset?" Trends Immunol. 22(4):182-3 (2001)
	ANN	Richter et al., "Tumor necrosis factor- α regulates the expression of inducible costimulator receptor ligand on CD34+ progenitor cells during differentiation into antigen presenting cells," J. OF BIOLOGICAL CHEM. 276(49):45686-45693 (2001)
	AOO	Rottman et al., "The costimulatory molecule ICOS plays an important role in the immunopathogenesis of EAE," NAT IMMUNOL. 2(7):605-11 (2001)
	APP	Sakamoto et al., "AILIM/ICOS: its expression and functional analysis with monoclonal antibodies," HYBRIDOMA AND HYBRIDOMICS, 20(5):293-303 (2001)
	AQQ	Schwartz, "Immunology. It takes more than two to tango," NATURE 409(6816):31-2 (2001)
	ARR	Sperling et al., "ICOS costimulation: It's not just for TH2 cells anymore," NAT IMMUNOL. 2(7):573-4 (2001)
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	ASS	Sperling, "ICOS costimulation: is it the key to selective immunotherapy?," CLIN IMMUNOL. 100(3):261-2 (2001)
	ATT	Sporici et al., "ICOS ligand costimulation is required for T-cell encephalitogenicity," CLIN IMMUNOL. 100(3):277-88 (2001)
	AUU	Sporici et al., "Costimulation of memory T-cells by ICOS: a potential therapeutic target for autoimmunity?" CLIN IMMUNOL. 100(3):263-9 (2001)
	AVV	Tamura et al., "B7-H1 costimulation preferentially enhances CD28-independent T-helper cell function," BLOOD 97(6):1809-16 (2001)
	AWW	Tesciuba et al., "Inducible costimulator regulates Th2-mediated inflammation, but not Th2 differentiation, in a model of allergic airway disease," J IMMUNOL. 167(4):1996-2003 (2001)
	AXX	Tomlinson et al., "The repertoire of human germline VH sequences reveals about fifty groups of VH segments with different hypervariable loops," J. Mol. Biol. 227(3):776-98 (1992)
	AYY	Wallin et al., "Enhancement of CD8+ T cell responses by ICOS/B7h costimulation," J IMMUNOL. 167(1):132-9 (2001)

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